

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	470	(tan with cechán or kinoshita with susumu).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/17 11:41
S2	68	(tan with cechán or kinoshita with susumu).in. and optical ring	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/17 11:58
S3	0	("72285603").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/17 13:07
S4	17	((("20030128985") or ("20030002104") or ("20040114929") or ("7035203") or ("6731597") or ("6400859") or ("7072580") or ("5612805"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/17 13:18
S5	2	("20030025961").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/17 13:18
S6	4	ep with "677935"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/17 14:17
S7	1	wo 03/104849	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/17 14:18

## EAST Search History

S8	44	("20010015836"   "20010040710"   "20010050790"   "20020003639"   "20020030869"   "20020067523"   "20020101633"   "20020126334"   "20020145779"   "20020149817"   "20020186439"   "20020191898"   "20020196491"   "20050111495"   "5414548"   "5576875"   "5615036"   "5771112"   "5774244"   "5778118"   "5903371"   "5930016"   "6097696"   "6122096"   "6137608"   "6160648"   "6192173"   "6236498"   "6295146"   "6310994"   "6331906"   "6344911"   "6351582"   "6426817"   "6456406"   "6456407"   "6486988"   "6525852"   "6590681"   "6616349"   "6631018"   "6658013"   "6701085"   "6895184").PN. OR ("7120360").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 18:19
S9	1	"20030128985"	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 14:28
S10	130	optical and ring and interconnect\$3 and switch and (subband or sub band) and ((demultiplex\$ and multiplex\$) or (demux and mux)) and filter	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 18:00
S11	677	optical and ring and connect\$3 and switch and ((demultiplex\$ and multiplex\$) or (demux and mux)) and filter and node and (add drop or add/drop)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 15:35
S12	464	optical and ring and interconnect\$3 and switch and ((demultiplex\$ and multiplex\$) or (demux and mux)) and filter and node and (add drop or add/drop)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 17:53
S13	433	S12 not S10	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 15:36
S14	73	S13 and (interconnect\$ near2 ring)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 16:30
S15	5	("20020012144"   "20020071631"   "20020131689"   "5461685"   "5680490").PN. OR ("6912340").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 16:09
S16	200	S11 and ((connect or connection or connected or connecting) near2 ring)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 16:32

## EAST Search History

S17	191	S16 not S10	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 16:33
S18	148	S17 not S14	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 16:33
S19	32	S18 and (first ring or second ring)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 17:59
S20	24	S18 and (two ring or three ring)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 16:47
S21	10	S20 not S19	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 17:35
S22	137	optical network and ring and \$connect\$3 and ((demultiplex\$ and multiplex\$) or (demux and mux)) and (add drop or add/drop) and ((first near2 ring) and (second near2 ring)) and (filter or switch)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 19:00
S23	130	optical and ring and interconnect\$3 and switch and (subband or sub band) and ((demultiplex\$ and multiplex\$) or (demux and mux)) and filter	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 18:00
S24	677	optical and ring and connect\$3 and switch and ((demultiplex\$ and multiplex\$) or (demux and mux)) and filter and node and (add drop or add/drop)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 18:00
S25	464	optical and ring and interconnect\$3 and switch and ((demultiplex\$ and multiplex\$) or (demux and mux)) and filter and node and (add drop or add/drop)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 18:00
S26	433	S25 not S23	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 18:00
S27	73	S26 and (interconnect\$ near2 ring)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 18:00
S28	200	S24 and ((connect or connection or connected or connecting) near2 ring)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 18:00
S29	191	S28 not S23	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 18:00

## EAST Search History

S30	148	S29 not S27	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 18:00
S31	32	S30 and (first ring or second ring)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 18:00
S32	108	S22 not S31	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 18:00
S33	94	S32 not S23	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 18:01
S34	68	(tan with cechán or kinoshita with susumu).in. and optical ring	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/17 18:01
S35	93	S33 not S34	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 18:01
S36	2	("7120360").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/17 18:19
S37	2	("7120359").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/17 18:19
S38	22	("20020015553"   "20030169470"   "5301058"   "5333000"   "5442623"   "5596436"   "5717795"   "5742416"   "5745273"   "5949560"   "5982963"   "6008931"   "6023359"   "6084694"   "6088141"   "6118566"   "6130766"   "6163553"   "6192173"   "6195186"   "6351323"   "6657952").PN. OR ("7120359").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 18:19
S39	266	optical network and (\$5connect\$3 near (ring or network)) and ((demultiplex\$ and multiplex\$) or (demux and mux)) and (add drop or add/drop) and ((first near2 (ring or network)) and (second near2 (ring or network))) and (filter or switch)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 19:02

## EAST Search History

S40	313	optical network and (\$5connect\$3 near2 (ring or network)) and ((demultiplex\$ and multiplex\$) or (demux and mux)) and (add drop or add/drop) and ((first near2 (ring or network)) and (second near2 (ring or network))) and (filter or switch)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 19:02
S41	196	S40 not S22	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/21 14:47
S42	196	S41 not S34	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/17 19:27
S43	29	((("5903371") or ("6456407") or ("6456406") or ("6590681") or ("20020067523") or ("20020149817") or ("5771112") or ("5778118") or ("20020145779") or ("20020048066") or ("20010021049") or ("6246815") or ("6288843") or ("6226111") or ("6208443")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/17 19:37
S44	2	("20050196169").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/17 19:37
S45	4	((("20020041412") or ("20060004213")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 10:58
S46	637	(nakajima with ichiro or kuroyanagi with satoshi).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/20 10:59
S48	24	S46 and ring and wavelength and node	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/20 11:30
S49	659	(hiroshi with kamata).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/20 11:30

## EAST Search History

S50	0	(hiroshi with kamata).in. with add/drop	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/20 11:30
S51	1	(hiroshi with kamata).in. and add/drop	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/20 11:31
S52	1	(hiroshi with kamata).in. and oadm	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/20 11:31
S53	5	"6810215"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/20 17:33
S54	9	("5576875"   "6333799"   "6339488"   "6407834"   "6426815"   "6449069"   "6498664").PN. OR ("6810215").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/20 17:47
S55	2	("5875272").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 17:49
S56	3	("6616349").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 17:49
S57	11	("5647035"   "5760934"   "5986783"   "6204943"   "6259837"   "6348985"   "6411412").PN. OR ("6616349").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/20 17:55
S58	30	(oikawa with yoichi).in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/20 17:55
S59	16	S58 and ring	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/20 17:59
S60	22	((("6388782") or ("5940196") or ("6538781") or ("5576875") or ("6333799") or ("6339488") or ("6407834") or ("6426815") or ("6449069") or ("6498664"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 19:38

## EAST Search History

S61	2	("6895186").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 19:38
S62	9	("5550818"   "5647035"   "5717795"   "5959749"   "6061157"   "6204943"   "6459516"   "6466341"   "6476946").PN. OR ("6895186").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/20 19:38
S63	0	((three near3 ring) or (multiple or multi) near2 ring) same \$5connect\$3 same (add/drop)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/21 08:35
S64	0	((three near3 ring) or (multiple or multi) near2 ring) same \$5connect\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/21 08:55
S65	3	("6616349").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 11:15
S66	11	("5647035"   "5760934"   "5986783"   "6204943"   "6259837"   "6348985"   "6411412").PN. OR ("6616349").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/21 08:56
S67	2	("20040008931").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 14:39
S68	295	(398/1 or 398/4 or 398/9 or 398/59 or 398/82-89 or 359/110 or 385/24).ccls. and (add/drop) and ((interconnect\$ or connect\$) near3 ring)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/21 14:45
S69	190	S68 and multiplex\$ and demultiplex\$ and switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/21 14:46
S70	91	S69 and ((first near2 ring and second near2 ring) or (multi ring or multiple ring))	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/21 14:48